FIGURE :

HUMAN NMEAR1 cDNAs

HIPPOCAPPUS MICA 18

HIPPOCHTUS HOALI

HIPPOCAPUS YOU

HIPPOCAMPUS MMDA3

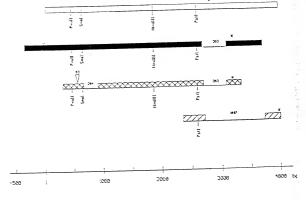
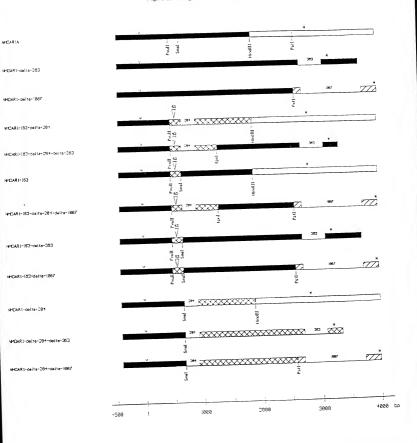


FIGURE 2

## HUMAN AMDARIA CONSTRUCTS



## 3/6 FIGURE 3

## NUCLEOTIDE SEQUENCE OF THE HUMAN NMDARIA RECEPTOR

									eccegegese s		
									ggacggcccg g		
									TGACGCTCGC C		
									SATSTTECSS S		
401									Algabiciat o		
501									TOTOCTACAC		
601	TACCGCATAC	ccaractass	SCIGACCACC	COCATOTICCA	TOTACTOGGA	CHACAGONTO	CACCTGAGGT	TOCTGOGGAG	cataccacco '	PACTOCCACO	
701	AGTCCAGCGT	GTGGTTTGAG	ATGATGCGTG	TETACAGETG	SAACCACATO	ATCCTGCTGG	TOAGCGACGA	CCACGAGGGC	cooscacere .	AGAAACSCCT	
301				GECHENCING	STECTGEAGT				TECTEATEGA		1
901	CTGGAGGCC	GOGTENTENT	COTTTCTGCC	*eccyeeves	ATGCTGCCAC	TGTATACCCC	GCAGCCGCGA	TECTEMENT	exemperree :	SGGTACGTGT	- 204 bp
1001	GECTESTOS	CCYCCCCC	AT CT CGGGGA	ACCCCCTGCG	CTACGCCCCA	. GACSGCATCC	TESSECTECA	SCICATORAC	secuence	AGTEGGEECEA	DELETICH
1101	CATCAGCGAG	сссатацься	тавтавско	GGCCGTGCAC	SYCCLCCICS	AGMEGAGM	CATCACCGAG	ccaccacsaa	screenteba	SWSSKSWS	
1201									CHATGAGGAT		
1301	AGTTCSCCA	CTACAGCATO	ATCAACCTGG	AGAACCGCAA 1 not 2	setsatica	GIGGGCATCT	ACM TGGGAG	CCACSTCATO	CCTAATGACA	SCANCATCAT	
1401	CTGGCCAGG	SCHOROLOG	AGAAGCCTCC	AGGGTACEAG	ATGTCCACCA	CACTGAAGAT	TGTGACGATO	CACCAGGAGG	COTTOGTGTA	catemaces	
1501	ACGCTGAGT	ATGGGACATO	CANGGAGGA	TTCAGAGTCA	ACGGCGACCG	: AGTCAAGAAG	GTGATCTGC	CCSGGCCCX	CSACACGTCS	CCCCCCACACCC	
1601	CCCGCCACA	GGTGCCTCAC	TETTECTAC	SCTTTTGCAT	CGAECTGCTC	ATCAAGCTGG	CACGGACCAT	CONCTTCACO	TACGAGGTGC	Accidence	
1701	AGATGGCAAI	TTESSEACA	AGGAGEGGG	CONCORCAGE	MCMGMG	AGTGGAATGC	GATGATGGG	: SAGETGETEA	GCSGGCAGGC	AGACATEATC	
1801	GTGGCGCGG	C TAACCATAA	CYCCYCC	C GCGCAGTACA	. TEGAGITIT	CAUGECETTE	- AAGTACCAG	: GCCTGACTAI	TOTEGTOME	Medicalite	
1901	CCCGGAGCA	c sciesacie	TICATGOAG	C CGTTCCAGA	CACACTGTG	cractagtes	g eccletere.	r GCACGTGGTC	SCCOTGATGO	TGTACCTGCT	
2001	GGACCGCTT	c AGCCCCTTC	GCCGGTTCA	DADAADTOD A	CAGGAGGAG	S AGGAGGACGO	ACTGACCCT	100700300	TGTGGTTCTC	eregeneric	
2101	CTGCTCAAC	T CEGGEATES	GENEGEGE	c cccrayrec.	TOTEAGEGE	CATCCTGGG	ATGGTGTGG	a cossettise	CATGATCATC	5150001001	
2201	AGACCECCA	A COTGGCGGC	: TTCCTGGTG	c respected	SCAGGAGG	C ATCACGGGC	A TOURGACE	c resectates	ACCCCTCGG	eraccicist.	
2301	CTACGCCAC	s stanacha	A SCICCSIGG	A TATCTACTT	caccaccya	G TGGAGCTGA	CACCATGTA	C CGGCATATG	, remection	TOTOLOGICA	
2401	GCGGCGGAG	G CCATCCAGG	C CGTGAGAGA	C MCMGCTG	ATGCCTTCA	T CTGGGACTC	s ecestrate	S AGTICGAGG	CTCGCAGAAG	TOLLOTOCOL	
2501	TGACGACTG	G AGAGCTGTT	1 110000100	& GCTTCGGCA	1 AGGCATGCG	C AMGACAGO	c ceregues			TOAGAACATG	
2601	CGAGAATGG	C TIGATGGAA	G ACCTGGACA	A CACGTGGGT	T CGGTATCAG	S MISTERST	c ecceneex		A COUTACITY	CCCCCCAAGC	
2701	GCCGGGGTC	T TEATGETES	T AGCTGGGGG	C ATCSTGGCC	0 GGATCTTCC و اعدام	T GATTITICAT	C SAGATIGES		A CAAGGATGGT	AAGCEACATT	
2801	AGATGCAGG	T GGCCTTTGC	C GCCGTTAAC	ADDDDDTDT DE	A GLACCTGCA	G GATAGAAAG	A CTGGTAGAG	C COTCOLCO	C CCTANAGA	weem	П
2901	TAGGGCTAT	C ACCTCCACO	C TEGETTEE	G CTTCAAGAG	G CGTAGGTCC	T COMMENCE	a caracter	c sesectos		gecetectet	11
3001	GACACAGTO	C TECCECAN	G CGCTATTG	IG AGGGAGGAG	G GCCAGCTGG	A CEIGIGIIC	, Carcaraa		a ctccccgccc	cacccccago	DELETICH
3101	geeceete	c cogcagaca	g acagacag	ac ggacgggad	a geggeeeg	gc ccacgcaga		atacccci	c gggggøggø	ecâddeace.	.
3201	ctcccca	gg ctgcgcct	e ceaccac	eg gttggeeg	c tagecagt	ee acceegies	- ggccccyc	e cetenate	g cgtggggct	kgaggeece	- 1
3301	tetetete	ta tttctatt	t gcageagt	ac cateceae	g statcacg	gg ceegetess			e coccess	a gactgooos	
3401	ggaggcgc	cc acctgccc	g ttageccg	ge caaggaca	t gatgggtc	et getgeteg			e cogococag	q qqqcagagc	
3501	cctgggcc	te eegteegt	e geoegeee	ac scegetge	t ggegggen	ge cectgetg:		en connect	g getgaggae	g gcgg#gggg	-1087 bp
3601	gagtegge	tg ggcmgggc	cg cagggege	te eggeagag	c aggeeest	gg ggtetetgi	-,,,,,,,,	ca octobric	es etgececes	e togggegee	
3701	ttggagca	ga gacggcag	cc ccatcctt	cc cgcagcac	ca gootgago	ca cagtgggg	ce ceccatot	ne coettomo	gg tegeceete ge cacacgeeg	g ggetggege	
3801	gegeteet	ct gragertg	ag ctccacco	te ecetette	t geggesee	gc 000008881	ce acctects	ca caaterac	ge cacaegeeg	c ctcctctcc	
3901	gecetece	cc acggccgt	ce ctgactte	cc agetggca	gc gcctcccg	er gerreggg	ec totation	ac cotacect	gc accttgggc	a cgggagagc	i
4001									ga gegegtged		
4101	cenceege	ce geeceege	ce tegetees	ing tacanism	co ceccocco	AB CCCCCPCC	to coggtate	to capture	gcetaaagg	a atgtcacg	
4201	cagccgcg	et etgeseet	ec gtcecc#9	ny tgenggeg	ry caccycce		,,.,.				

FIGURE 4

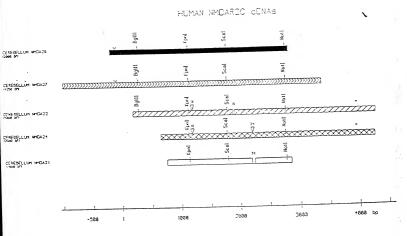


FIGURE 5

## CONSTRUCTION OF THE FULL-LENGTH HUMAN NMBAR2C CONAS

